



SL-156

TE Internal #: 641550-1

Socket Contact, Tin, 250 VAC, Locking Lance Contact Retention, Discrete Wire, 30 – 24 AWG Wire Size, .05 – .2 mm² Wire Size, Crimp, Brass, SL-156

[View on TE.com >](#)

Connectors > Contacts > Connector Contacts > Connector Contacts: Wire-to-Board Socket, SL 156



Contact Type: **Socket**

Contact Mating Area Plating Material: **Tin**

Wire Contact Termination Area Plating Material: **Tin**

Operating Voltage: **250 VAC**

Contact Retention Within Housing: **With**

[All Connector Contacts: Wire-to-Board Socket, SL 156 \(23\)](#)

Features

Product Type Features

Applied Pressure	Low
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Packaging Features

Packaging Method	Reel
Packaging Quantity	7000

Dimensions

Compatible Insulation Diameter Range	1.02 – 1.45 mm[.04 – .057 in]
Wire Size	.05 – .2 mm ²

Contact Features

Mating Square Post Dimension	1.14 mm[.045 in]
Contact Type	Socket
Contact Mating Area Plating Material	Tin
Wire Contact Termination Area Plating Material	Tin



Contact Retention Within Housing	With
Contact Base Material	Brass
Contact Current Rating (Max)	6.5 A

Electrical Characteristics

Operating Voltage	250 VAC
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Mechanical Attachment

Contact Retention Type Within Housing	Locking Lance
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Configuration Features

Compatible With Wire & Cable Type	Discrete Wire
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Termination Features

Termination Method to Wire & Cable	Crimp
Product Terminates To	Wire & Cable

Usage Conditions

Operating Temperature Range	-55 – 105 °C[-67 – 221 °F]
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Operation/Application

Circuit Application	Signal
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Product Compliance

For compliance documentation, visit the product page on [TE.com](#)>

EU RoHS Directive 2011/65/EU	Compliant
EU ELV Directive 2000/53/EC	Compliant
China RoHS 2 Directive MIIT Order No 32, 2016	No Restricted Materials Above Threshold
EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JUNE 2024 (241) Candidate List Declared Against: JUNE 2024 (241) Does not contain REACH SVHC
Halogen Content	Low Halogen - Br, Cl, F, I < 900 ppm per homogenous material. Also BFR/CFR/PVC Free
Solder Process Capability	Not applicable for solder process capability

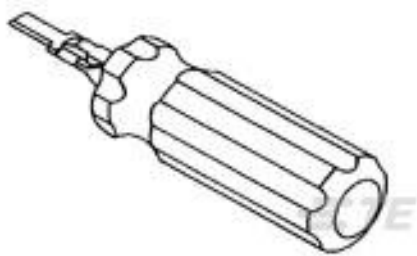
Product Compliance Disclaimer

This information is provided based on reasonable inquiry of our suppliers and represents our current actual knowledge based on the information they provided. This information is subject to change. The part numbers that TE has identified as EU RoHS compliant have a maximum concentration of 0.1% by weight in homogenous materials for lead, hexavalent



chromium, mercury, PBB, PBDE, DBP, BBP, DEHP, DIBP, and 0.01% for cadmium, or qualify for an exemption to these limits as defined in the Annexes of Directive 2011/65/EU (RoHS2). Finished electrical and electronic equipment products will be CE marked as required by Directive 2011/65/EU. Components may not be CE marked. Additionally, the part numbers that TE has identified as EU ELV compliant have a maximum concentration of 0.1% by weight in homogenous materials for lead, hexavalent chromium, and mercury, and 0.01% for cadmium, or qualify for an exemption to these limits as defined in the Annexes of Directive 2000/53/EC (ELV). Regarding the REACH Regulation, the information TE provides on SVHC in articles for this part number is based on the latest European Chemicals Agency (ECHA) 'Guidance on requirements for substances in articles' posted at this URL: <https://echa.europa.eu/guidance-documents/guidance-on-reach>

Compatible Parts



TE Part # 90471-1
EXTRACTION TOOL, SC-156

Also in the Series | SL-156



Connector Contacts(23)



Connector Hardware(4)



Insertion & Extraction Tools(1)



Rectangular Connector Housings(10)



Wire-to-Board Connector Assemblies & Housings(140)

Customers Also Bought



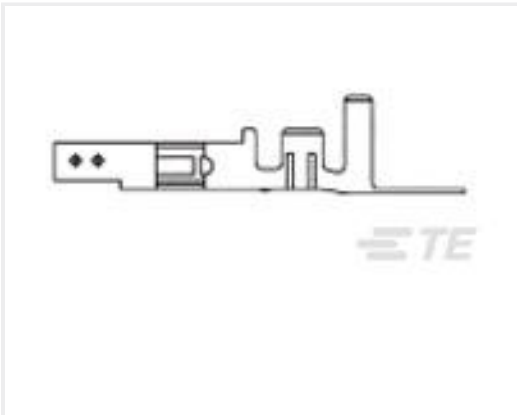
TE Part #770849-8
08P SL156 HSG W/LCK RMP & TABS



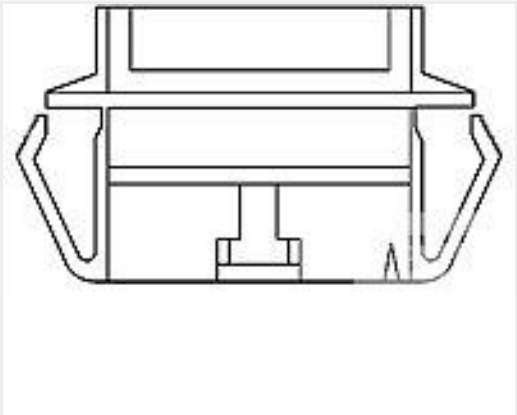
TE Part #640252-2
SL-156 RECEPTACLE



TE Part #1-172159-2
MINI UNIVERSAL M-N-L CAP 4P



TE Part #794958-2
VAL-U-LOK SKT BR AU 22-26AWG



TE Part #103682-5
06 MTE PANEL MOUNT SR



TE Part #60888-2
058 PIN REC 26-22 .010GPPHBZ



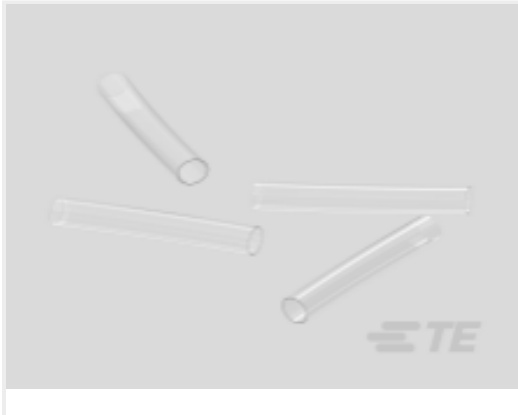
TE Part #32835
PIDG R 22-16 COMM 22-18 MIL 8



TE Part #1-172167-2
4 POS DR MINI UNIV



TE Part #1803323-5
CRIMPER, WIRE, F PREMIUM



TE Part #NB16572001
RW-175-3/32-X-STK

Documents

Product Drawings
SL156 RECPT PTPBR

English

CAD Files
3D PDF

3D

Customer View Model
ENG_CVM_CVM_641550-1_H.2d_dxf.zip

English

Customer View Model
ENG_CVM_CVM_641550-1_H.3d_igs.zip

English

Customer View Model
ENG_CVM_CVM_641550-1_H.3d_stp.zip

English

Customer View Model
ENG_CVM_641550-1_F.3d_igs.zip

English



Customer View Model

[ENG_CVM_641550-1_F.3d_stp.zip](#)

English

Customer View Model

[ENG_CVM_641550-1_F.2d_dxf.zip](#)

English

3D PDF

English

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Product Specifications

[Application Specification](#)

English